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# Operating & Safety Instructions

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## MVP-35 AUTO



Exclusive Distributor of  <sup>TM</sup> Brand Pressing Equipment

## **IMPORTANT SAFETY INSTRUCTIONS**

### **MODEL MVP-35 AUTO**

### **FOR COMMERCIAL USE ONLY**

## **READ ALL INSTRUCTIONS BEFORE USING**

### **SPECIAL SAFETY INSTRUCTIONS**

1. NEVER UNSCREW THE WATER CAP (WITH SAFETY VALVE) DURING USE (WHILE THE BOILER IS UNDER PRESSURE) as the pressurized steam can lead to scalds.
2. UNSCREW THE WATER CAP ONLY WHEN REPLACEMENT WATER CAP IS NEEDED.
3. Risk of fire -- turn off the boiler and iron switches and unplug the boiler when finished ironing.
4. To avoid a circuit overload, do not operate another high voltage appliance on the same circuit

### **GENERAL SAFETY INSTRUCTIONS**

1. Use iron/boiler only for its intended use.
2. To protect against a risk of electric shock, do not immerse the iron/boiler in water or other liquids.
3. The iron/boiler should always be turned "Off" before unplugging iron or unplugging from outlet. Never yank cord to disconnect from outlet; instead, grasp plug and pull to disconnect.
4. Do not allow cord to touch hot surfaces. Let boiler and iron cool completely before putting away.
5. Always disconnect appliance from electrical outlet when not in use. The iron must not be left unattended while it is connected to the power supply. The plug must be removed from the receptacle (outlet) before the water reservoir is filled with water.
6. Do not operate appliance with damaged cord or hose. Do not use if the appliance has been dropped, or has visible signs of damage, or if the iron is leaking. To reduce the risk of electric shock, do not disassemble or attempt to repair this unit. Take it to a qualified service person for examination and repair. Incorrect assembly or repair could cause a risk of fire, electric shock, or injury to persons when the appliance is used.
7. Close supervision is necessary for any appliance being used by or near children. Do not leave appliance unattended while iron is on ironing board.
8. Burns could occur from touching hot metal parts, hot water or steam.

SAVE THESE INSTRUCTIONS

## **OPERATING INSTRUCTIONS**

### **MODEL MVP-35 AUTO**

#### **A BOILER SET UP**

1. Take boiler out of the box.
2. Place boiler on a flat floor.
3. Remove covering from pressure vessel opening (Diagram A, Item (02)) and discard. Screw on black water cap. Do not overtighten.
4. Insert iron cord with black plug and black steam hose (Diagram C, Item 21) into the receptacle (Diagram A, Item 06) and snap in until it clicks.
5. Insert metal cord supporter into the hole provided at the top of the boiler (Diagram A, Item 01) . Insert iron cord and hose into loop on top of the cord supporter.
6. Install drain knob (Diagram B, Item 14) and secure with cotter pin (see Diagram D) provided.

#### **B START UP**

1. Insert threaded stem of wheel through hole in Stabilizing Leg (Diagram A, Item 9) and insert in hole on bottom corner of boiler cabinet. Secure wheel and leg with “acorn nuts”. Repeat with remaining three wheels and legs.
2. Extend Stabilizing Legs from bottom of cabinet. (Diagram A, Item 9)
3. Fill plastic water tank with clean tap water (**DO NOT USE DISTILLED WATER**).
4. Insert boiler water hose with wire leads (Diagram B, Item 12) completely into water tank. Do NOT insert drain hose (Diagram B, Item 15) into the water tank.
5. Plug boiler into a properly grounded 120V 15 AMP OUTLET.
6. Turn on iron switch (Diagram A, Item 03) and boiler switch (Diagram A, Item 04). Both switches will light up.
7. Set thermostat knob on the iron (Diagram C, Item 22) to desired temperature. These temperature settings are approximate. Please note that the minimum setting for steam is “Cotton”. Always check temperature on hidden part of the garment.
8. When the pressure gauge (Diagram A, Item 08) reads approximately 40 PSI and the steam ready indicator lamp lights up, you are ready to press. During ironing this light will go on and off and the pressure gauge needle will move up and down. This is normal operating function.

#### **C USING IRON/BOILER**

1. To get steam, press the red thumb switch (Diagram C, Item 23) .
2. At the beginning of each pressing session, point the iron away from the garment, in a safe direction, and press the red thumb switch on the iron to eliminate any condensate from the iron.

3. The volume of steam can be controlled by turning the black flow control knob (Diagram A, Item 07) on the front of the boiler cabinet.
4. During operation, if water supply is used up, the boiler will “beep” to tell you to refill the water tank.

#### **D SHUT DOWN**

1. When finished pressing, turn off the boiler and iron switches and unplug the boiler.
2. Remove black water hose from water tank. Failure to remove black water hose will cause the boiler to over-fill and require shut down and draining before the boiler can be used.

#### **E CLEANING AND MAINTENANCE**

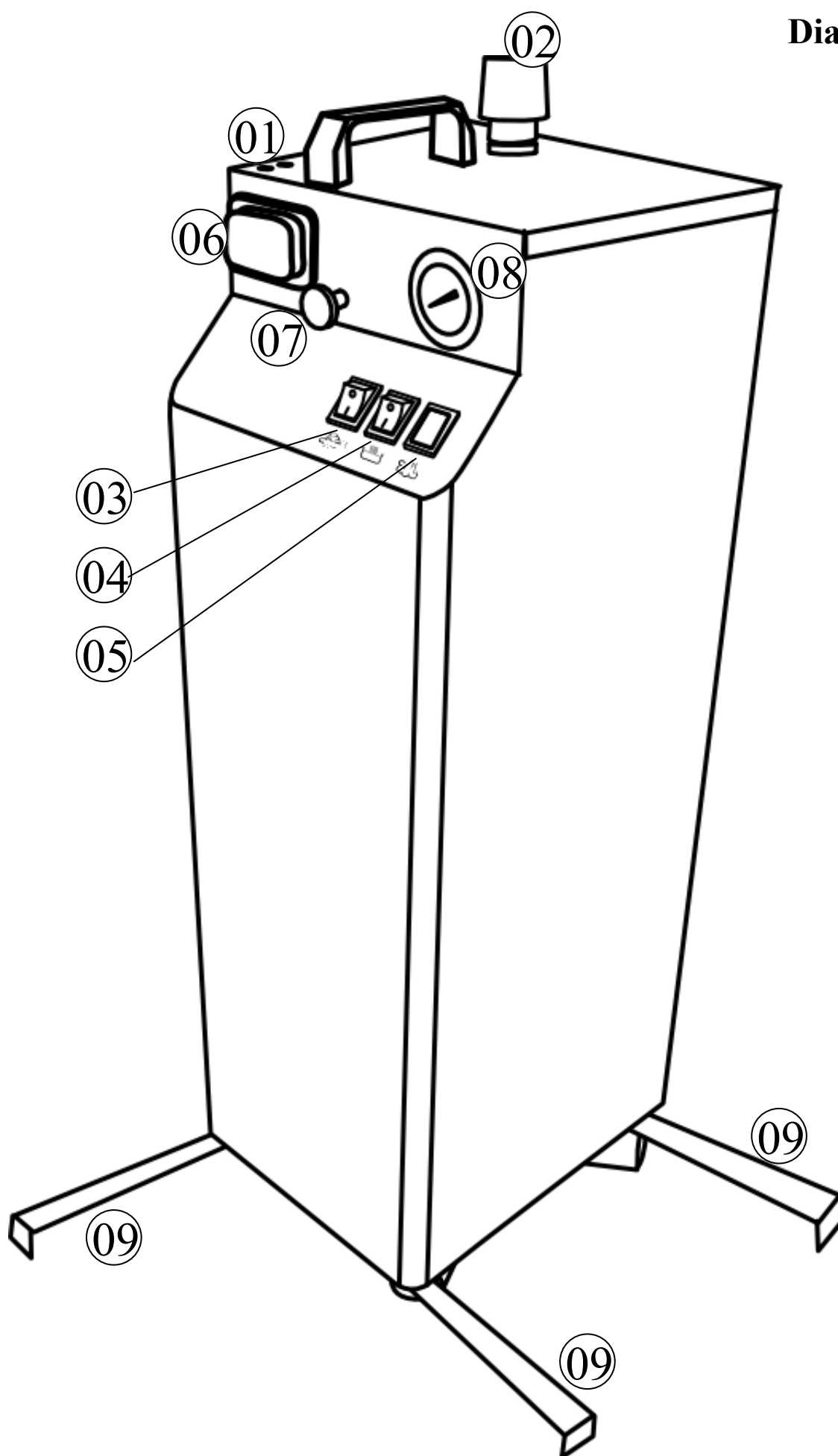
Once a week (in hard water areas, every day), it is recommended to clean out the boiler unit using the following procedure:

1. Turn off the iron switch and the boiler switch, unplug the boiler from the electrical outlet and allow the boiler to cool and the pressure gauge to go down to “0”.
2. Remove water supply tank. Place a bucket or other suitable container (not included) under the boiler drain hose (Diagram B, Item 15) located at the top of the water tank compartment. (Do not use water supply tank for this purpose). When the boiler has completely cooled, slowly open drain knob (Diagram B, Item 14) to drain the dirty water from the boiler.

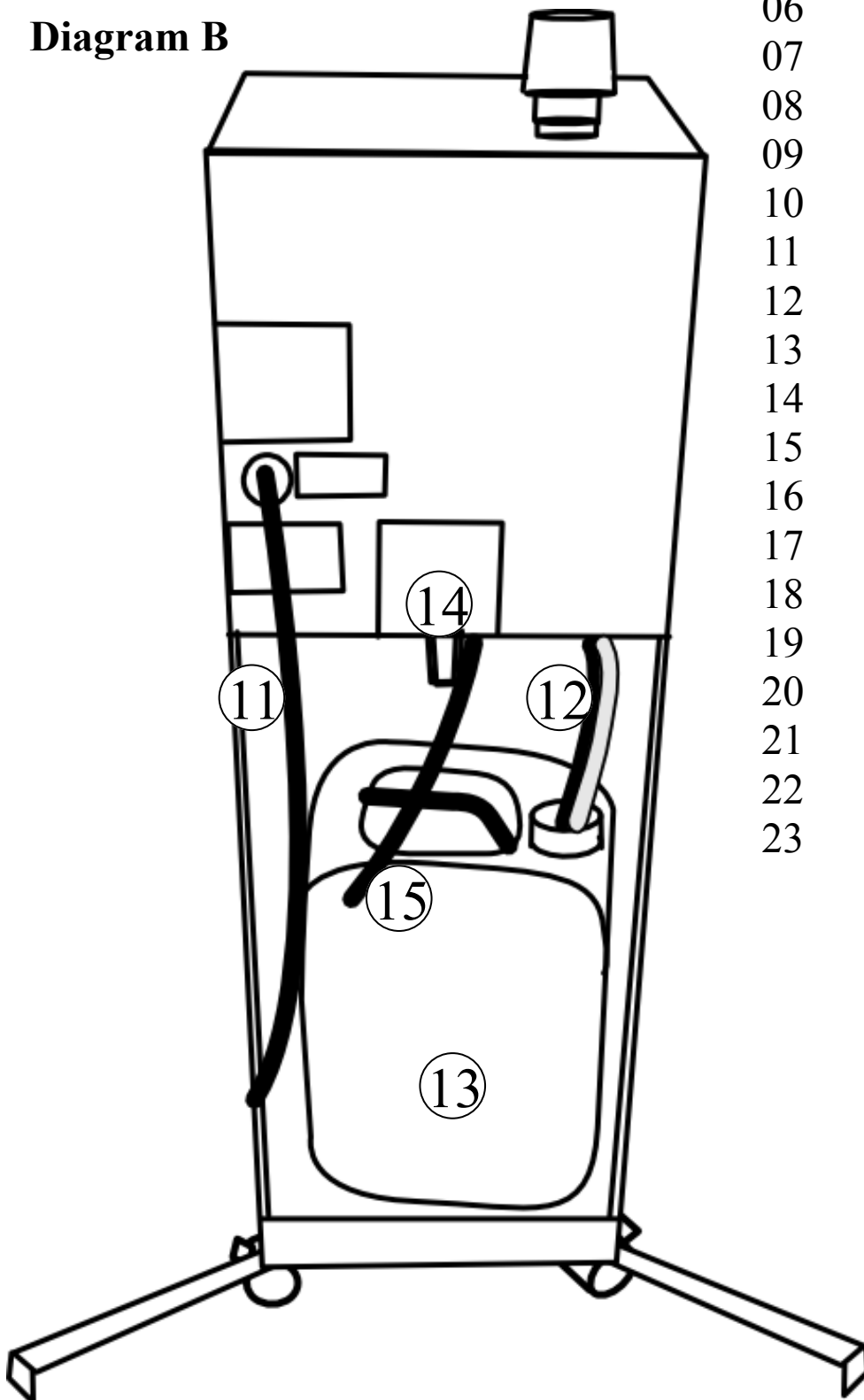
**WARNING: Do not open this drain knob when the boiler is under pressure. Opening this drain knob under pressure can cause serious burns and injury.**

3. When the boiler is empty, close the drain knob.

**Diagram A**



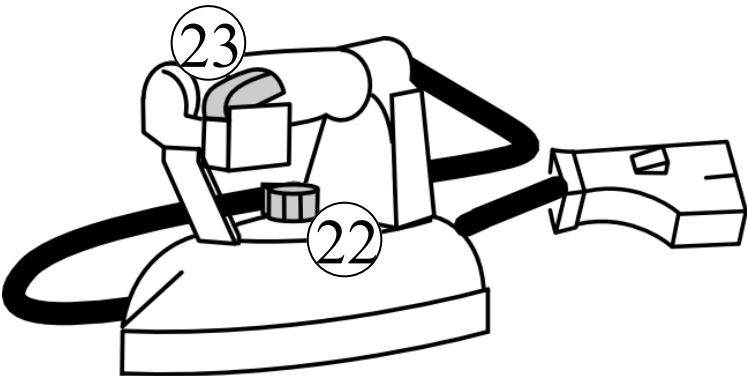
**Diagram B**



## Legend

- |    |                        |
|----|------------------------|
| 01 | Cord holder support    |
| 02 | Safety cap             |
| 03 | Iron switch            |
| 04 | Boiler switch          |
| 05 | Steam ready lamp       |
| 06 | Steam and power outlet |
| 07 | Steam flow knob        |
| 08 | Pressure gauge         |
| 09 | Stabilizing legs       |
| 10 | N/A                    |
| 11 | Power cable            |
| 12 | Boiler water hose      |
| 13 | Water tank             |
| 14 | Drain knob             |
| 15 | Drain hose             |
| 16 | N/A                    |
| 17 | N/A                    |
| 18 | N/A                    |
| 19 | N/A                    |
| 20 | N/A                    |
| 21 | Steam and power plug   |
| 22 | Thermostat Knob        |
| 23 | Red thumb switch       |

**Diagram C**

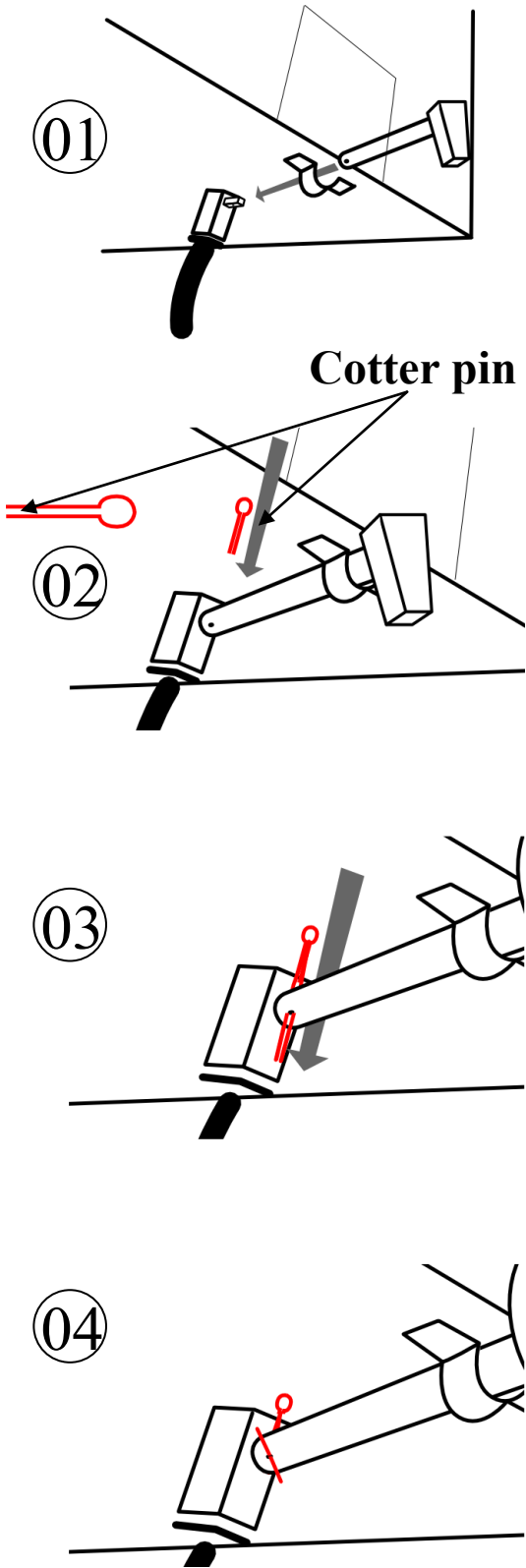


**Professional Steam Iron**

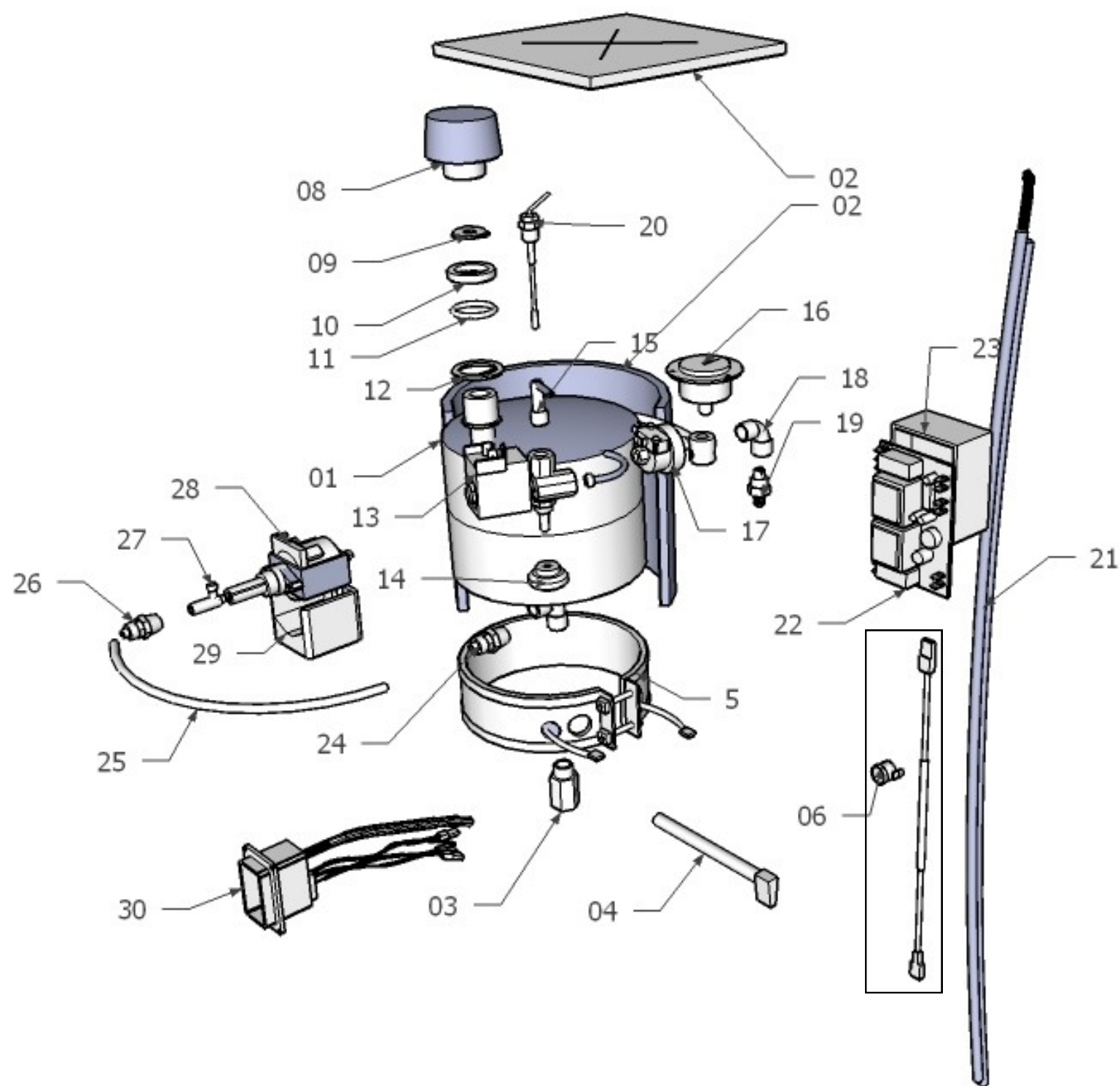


**Optional Steam gun**

**Diagram D**  
**Drain Knob Installation**



## Diagram E Boiler Parts List

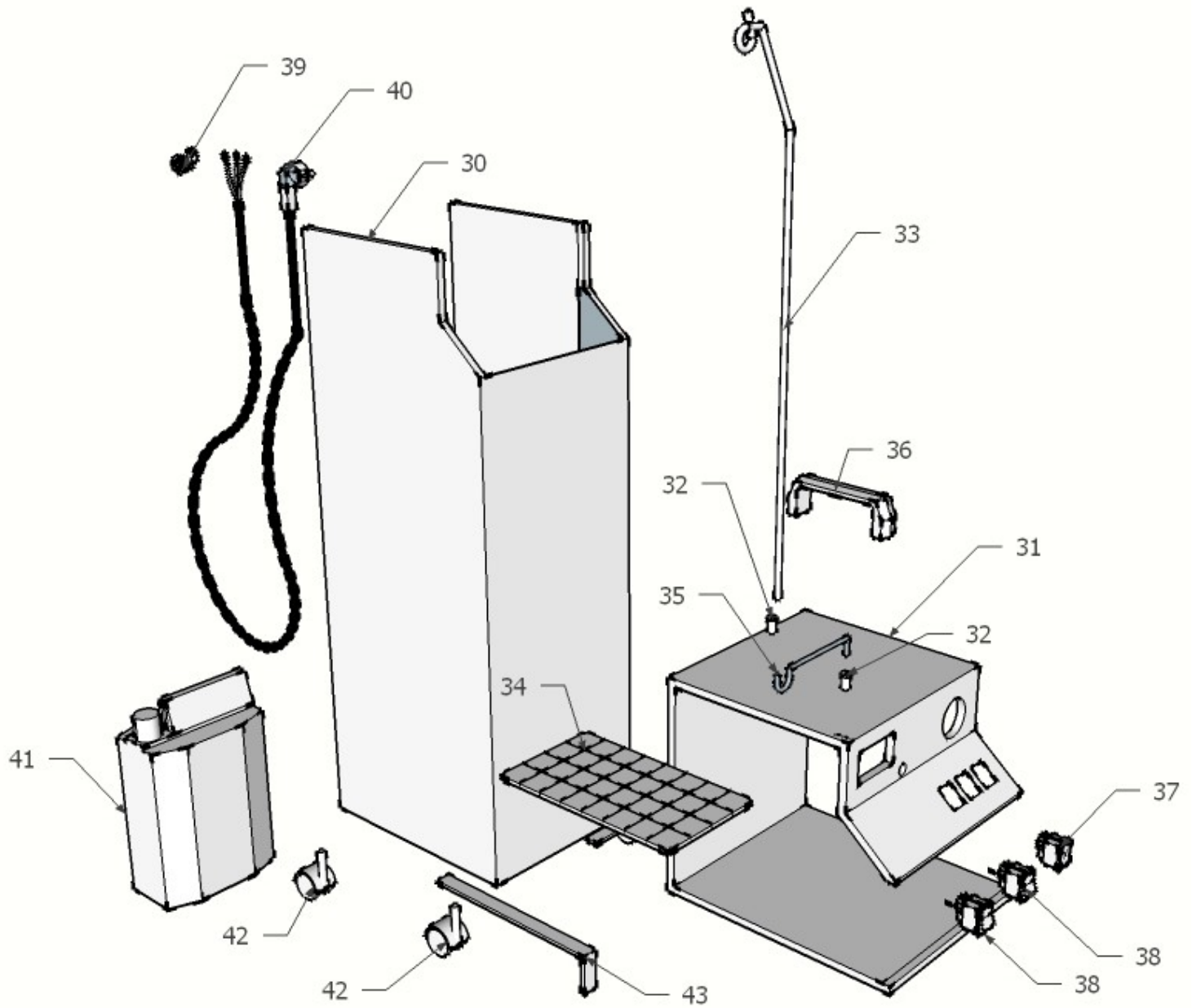




## MVP-AUTO Boiler Parts List (Diagram E)

Diagram #	Description	Part No.
1	Pressure Vessel	MVPA013
2	Insulation Set-Vessel & Top	MVPA014
3	Drain Tap and Nipple Set	MVPA015
4	Knob for Draining tap	MVPA016
5	Heating Element 120V	MVP004A
5	Heating Element 220V	MVP004AV
6	Thermostat with fuse for Boiler	MVP003A
7	N/A	
8	Water Cap (with Safety Valve) with 2 Extra Gaskets	MVP030
9	Gasket for Water Cap (Pack of 5)	MVP029S
10/11	Brass Ring with Silicone Packing	MVP028
12	Gasket Packing	MVP008
13	Complete Solenoid Valve 120V	MVP035
13	Complete Solenoid Valve 220V	MVP035V
14	Knob for Solenoid Valve	MVP038
15	Hose Adaptor 1/4 Male for Solenoid Valve	MVPA017
16	Pressure Gauge	MVP053
17	Pressure Switch	MVP006
18	Male-Female Elbow	MVPA018
19	Check Valve	MVPA019
20	Boiler sensor	MVPA020
21	Recharge Hose Set	MVPA021
22	Electronic Board 120V	MVPA022
22	Electronic Board 220V	MVPA022V
23	Electronic Board Housing	MVPA023
24	Taper straight adaptor male 3/8	MVPA024
25	Teflon hose d.8mm	MVPA025
26	Elbow Adaptor 1/8	MVPA026
27	Pump Valve	MVPA027
28	Water Pump 120V	MVPA028
28	Water Pump 220V	MVPA028V
29	Pump bracket	MVPA029
30	Complete Steam/Power Outlet 120V	MVPA030
30	Complete Steam/Power Outlet 220V	MVPA030V

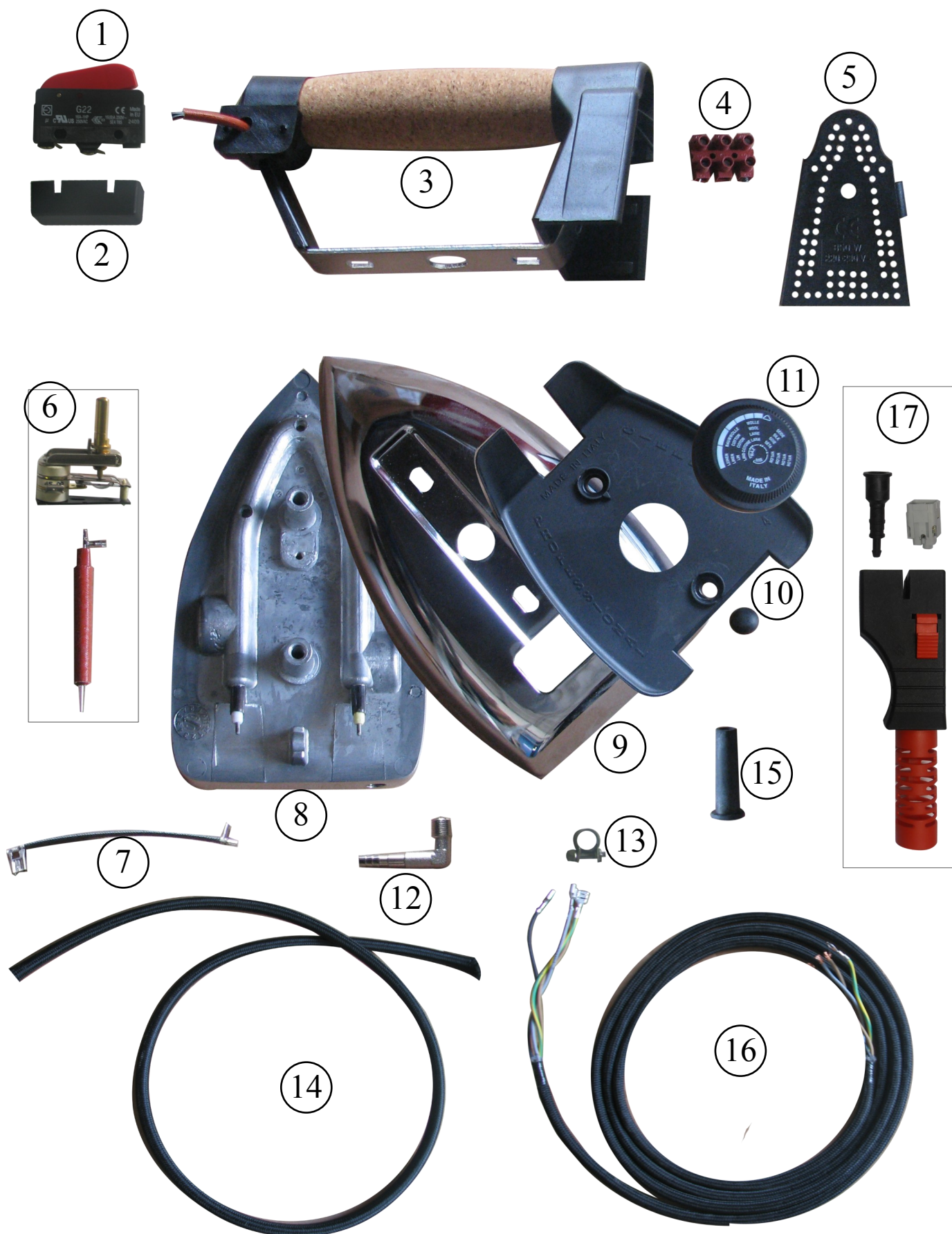
## Diagram F Cabinet Parts List



## MVP-AUTO cabinet Parts List (Diagram F)

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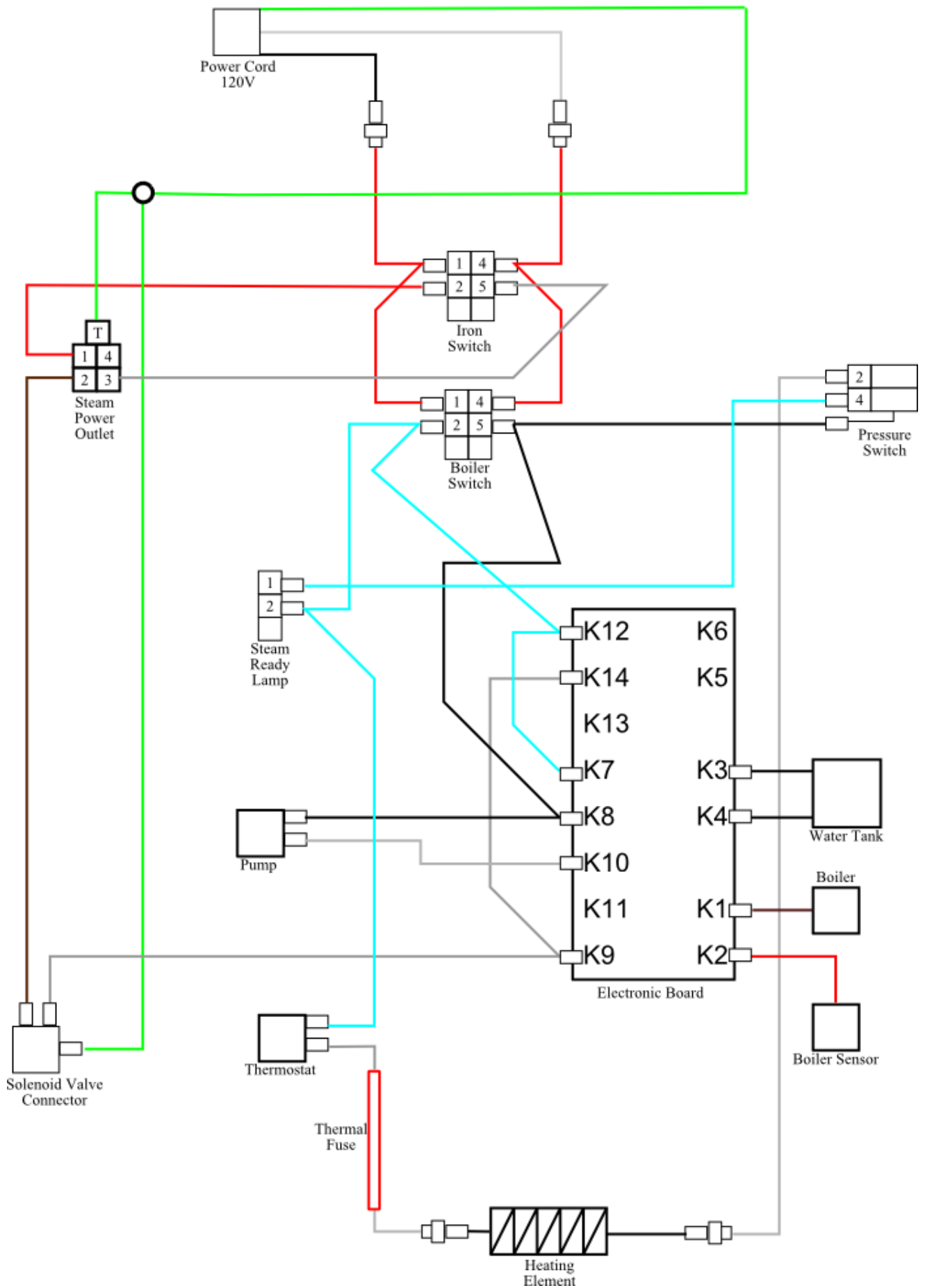
## Diagram G Iron Parts List



### Iron Parts List (Diagram G)

Diagram #	Description	Part No.
1	Microswitch	MVP021
2	Microswitch Cover	MVP024
3	Iron Handle	MVP042
4	Terminal Block	MVP019
5	Back Terminal Cover	MVP017
6	Thermostat with Thermal Fuse	MVP013
7	Lead Wire-Thermostat to Terminal Block	MVP051
8	Iron Heating Element w/Base 120V	MVP010
9	Iron Cover	MVP023
10	Hand Guard for Iron	MVP037
11	Knob for Thermostat	MVP022
12	Hose Nipple	MVP009
13	Hose Clamp	MVP014
14	Rubber Steam Hose	MVP048
15	Iron Cord Supporter	MVP027
16	Electric Cord for Iron	MVP018
17	Steam/Power Plug	MVPA012

# WIRING DIAGRAM “MVP-35 AUTO” BOILER





LIMITED WARRANTY for

**MINI BOILERS with IRON**

Hi-Steam Mini Boilers with Iron are warranted by European Finishing Equipment Corp. ("European Finishing") to the original purchaser against defects in workmanship and material, for a period of (a) 12 months for heating elements and pressure vessels, and (b) 90 days for all other parts, in either case from the date of original purchase, with the following limitations:

- 1 This warranty is contingent upon compliance with the installation, operation and maintenance instructions contained in the equipment's instruction manual. The equipment is intended solely for industrial use.
- 2 This warranty is limited to repair or replacement of defective parts plus the cost of labor, and does not cover any shipping cost or other incidental costs.
- 3 This warranty is void for parts that are, in the sole judgment of European Finishing:
  - damaged from mishandling, faulty installation or adjustments, improper use or maintenance, corrosion, accident, negligence, not operating within the specifications provided, failure to follow instructions, use of improper voltage, etc.
  - damaged by causes beyond the control of European Finishing, such as fire, flood, earthquake, lightning, power surge, damage in shipping, etc.
  - altered or repaired in any way that changes the original design, construction, specifications or performance, or by replacing parts with unauthorized components.
  - expendable in the normal course of operation. Expendable items include, but are not limited to, the iron cords, hoses, gaskets, etc

The warranty period on each repaired or replacement part in fulfillment of this warranty shall be for the unexpired portion of the original warranty.

Defective equipment covered by this warranty must be shipped, freight prepaid, to one of European Finishing's designated repair shops for repair or for replacement of parts with new or refurbished parts. Repair or replacement of parts will be done at the discretion of the designated repair shop.

Replacement or repair of parts is the sole and exclusive remedy available under this warranty. EXCEPT AS STATED IN THIS LIMITED WARRANTY, THERE IS NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

In no event shall European Finishing be liable for any direct, indirect, consequential or incidental damages arising out of the use of or inability to use the equipment or parts, even if it could foresee or has been advised of the possibility of such damage.

For warranty service by one of the designated repair shops in your area, please contact:

**European Finishing Equipment Corp.  
901 Penhorn Avenue, Unit #2  
Secaucus, N.J. 07094  
(888) 460-9292**

10/10/11



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